RECEIVED MAR 5 1982

Graham

U.S. DEPARTMENT OF AGRICULTURE

SPEED MEMO

PART NUMBER	DATE
3	2/26/82

TO

K. B. Kinney, Jr.

FROM

R. A. Bram

SUBJECT

Letter to the Editors of Science

MESSAGE

Attached is a letter to the editors of Science which provides an ARS rebuttal to some of the statements in the Richardson screwworm article of January 22, 1982. Dr. LaChance has done an outstanding job in coordinating a scientifically sound response of which we can all be proud

I recommend that you approve the publication of this letter to the editor and forward it to Science as requested

cc:
L. E. LaChance
T. J. Army
R. J. Gerrits

SIGNATURE Ralph G. Bram

REPLY

Dr Bram
I read this over the weekend. It's an excellent and objective response - it has been mailed. Please express my appreciation to Leo and others. It's unfortunate to have to do these sorts of things to "cooperators" but to fail to do it would be even more unfortunate.

SIGNATURE T. B. Kinney

DATE 3/1/82

3/2 ok

MS 3/2/82

(DESTROY THIS PART 3 UPON RECEIPT OF REPLY)

FORM AD-311 (REV. 11/79)

RECEIVED MAR 8 1982

COMISION MEXICO-AMERICANA PARA LA ERRADICACION DEL GUSANO BARRENADOR

LA ENERGIA ATOMICA AL SERVICIO DEL CAMPESINO

CONTA 24304 KM. 3 CARRETERA A LA ANCOSTURA APDO POSTAL 64
COATA. DE OPOZO, CHIS.

MAR 2 1982

27 SWASS ro de 1982

January 27, 1982

PARA: DR. NORVAN L. MEYER

Donald Hopkins
Entomologist, VS, Mexico

TO: DR. NORVAN L. MEYER

THROUGH: DR. RONALD E. LOWE

I was pleased to get your thoughts on the use and effectiveness of SWASS. After listening to the discussions at the last two technical meetings (January 1982 in Mexico City and February 12, 1982 in Tijuana), I share your concern. I hope that you and your colleagues in VS and ARS are working to provide definitive answers to the nagging doubts about the effectiveness of SWASS.

I urge that you sit down with your supervisor, your Mexican colleagues, and colleagues in ARS to map a strategy to develop the information that is necessary to be sure that SWASS use is a good investment.

Thanks again for taking time to share your thoughts and concerns with me.

Norvan L. Meyer
Assistant Deputy Administrator
International Programs

cc: Dr. Robert Reichard, VS, Mexico
Dr. Ronald Lowe, VS, Mexico
Dr. O. H. Graham, Mission, TX
Dr. Ralph Bram, SEA, Beltsville, MD
Dr. Floyd Smith, VS, Hyattsville, MD

APHIS:VS:NLMeyer:mlh:X77593:2/25/82

U.S. DEPARTMENT OF AGRICULTURE

REFERENCE SLIP

DATE

TO

- [ ] ACTION
- [ ] NOTE AND RETURN
- [ ] APPROVAL
- [ ] PER PHONE CALL
- [ ] AS REQUESTED
- [ ] RECOMMENDATION
- [ ] FOR COMMENT
- [ ] REPLY FOR SIGNATURE OF
- [ ] FOR INFORMATION
- [ ] RETURNED
- [ ] INITIALS
- [ ] SEE ME
- [ ] NOTE AND FILE
- [ ] YOUR SIGNATURE

REMARKS Wonder what happened to the comparison of V-81 and Sinaloa strains which has been a feature of the weekly reports for about a month?

FROM

GPO c48—16—83471-1

FORM AD-514 (8-64)

U.S. DEPARTMENT OF AGRICULTURE | DATE

REFERENCE SLIP

TO

☐ ACTION | ☐ NOTE AND RETURN

☐ APPROVAL | ☐ PER PHONE CALL

☐ AS REQUESTED | ☐ RECOMMENDATION

☐ FOR COMMENT | ☐ REPLY FOR SIGNATURE OF

☐ FOR INFORMATION | ☐ RETURNED

☐ INITIALS | ☐ SEE ME

☐ NOTE AND FILE | ☐ YOUR SIGNATURE

REMARKS

Liberalize policy of the Department of Agriculture concerning use of Department facilities for the Washington Society of the American Institute of Agriculture?

FROM

DATE

FORM AD-574 (4-44)

RECEIVED MAR 9 1982

OHS

Don
DFF
BB

March 5, 1982

MEXICO WEEKLY SCREWWORM STATUS REPORT
February 21 - 27, 1982

1. No ground releases were made this week.

2. Production data for the V-81 strain is as follows:

Pupae irradiated: 314,569,700
Pupae yield/vat: 11.20 liters; an increase of .07 liters
Larvae size: 62.24 mg.; an increase of 3.21 mg.
Grams of eggs/cage: 80.85 grams; a decrease of 3.64 grams

3. Flies Released - Durango

Durango	6,004,928
Jalisco	770,880
Nayarit	10,463,328
Zacatecas	1,460,864
	18,700,000

Flies Released - Mazatlan

Durango	7,780,480
Nayarit	12,523,776
Sinaloa	12,854,144
	33,158,400

Flies Released - Tampico

Guanajuato	15,376,000
Hidalgo	14,422,400
Oaxaca	283,200
Puebla	7,649,600
Queretaro	10,732,800
San Luis Potosi	38,889,600
Tamaulipas	26,265,600
Veracruz	50,272,000
	163,891,200

Flies Released - Tepic

Jalisco	8,976,800
Nayarit	13,182,400
Zacatecas	1,524,800
	23,684,000

Flies Released - Uruapan

Colima	775,200
Jalisco	3,540,000
Michoacan	4,011,200
	8,326,400

Fly release information is pending from Tepic for the weeks ending October 10, December 12, December 19, December 26, January 2, January 9, January 16, January 23, January 30, and February 6.

4. The following is a table of screwworm and nonscrewworm samples identified during the week. The table also lists the numbers of sterile flies released and the number of inspectors in each State. (The number of inspectors reported does not include Commission auxiliary supervisors, nor Federal Mexico or U.S. Supervisors).

	No. Inspectors	Screwworm	Nonscrewworm	Sterile Flies Released 2/21/82 - 2/27/82 (millions)
Sonora	8	0	2	0
Tamaulipas	18	0	0	27
Colima	3	9	0	1
Durango	21	0	1	14
Estado de Mexico	2	11	0	0
Guanajuato	6	0	0	16
Guerrero	20	52	3	0
Hidalgo	7	0	0	15
Jalisco	29	97	4	14
Michoacan	25	169	1	5
Nayarit	20	13	0	37
Oaxaca	0	0	0	1
Puebla	17	0	0	8
San Luis Potosi	21	pending		39
Sinaloa	19	0	0	13
Veracruz	26	pending	0	51
Zacatecas	14	1	6	3

5. SWASS produced at Mission this week: 63,270 pounds (28,699 kilograms)

SWASS produced at Mission for the week ending February 20 is still pending.

SWASS Releases - Mazatlan

Nayarit	953 kilograms

SWASS Releases - Tampico

Guanajuato	1,057 kilograms
Hidalgo	1,247 kilograms
Queretaro	1,261 kilograms
San Luis Potosi	2,635 kilograms
Tamaulipas	381 kilograms
Veracruz	113 kilograms

SWASS Releases - Tepic

Durango	358 kilograms
Jalisco	4,682 kilograms
Nayarit	4,394 kilograms
Zacatecas	798 kilograms

SWASS Releases - Uruapan

Guerrero	1,170 kilograms
Jalisco	396 kilograms
Michoacan	5,782 kilograms

SWASS releases from Manzanillo are pending this week.

6. Pertinent information: A meeting was held in Celaya, Guanajuato, to stimulate interest in the screwworm eradication program. Over 100 people were in attendance.

Pending fly release information for the week ending February 20 is as follows:

Flies Released - Tampico

Guanajuato	13,048,000
Hidalgo	6,774,400
Oaxaca	2,214,400
Puebla	790,400
Queretaro	9,110,400
San Luis Potosi	48,377,600
Tamaulipas	22,913,600
Veracruz	31,939,200
	135,168,000

Flies Released - Tepic

Jalisco	12,127,200
Nayarit	23,816,000
Zacatecas	1,276,000
	37,219,200

Pending SWASS release information for the week ending February 20 is as follows:

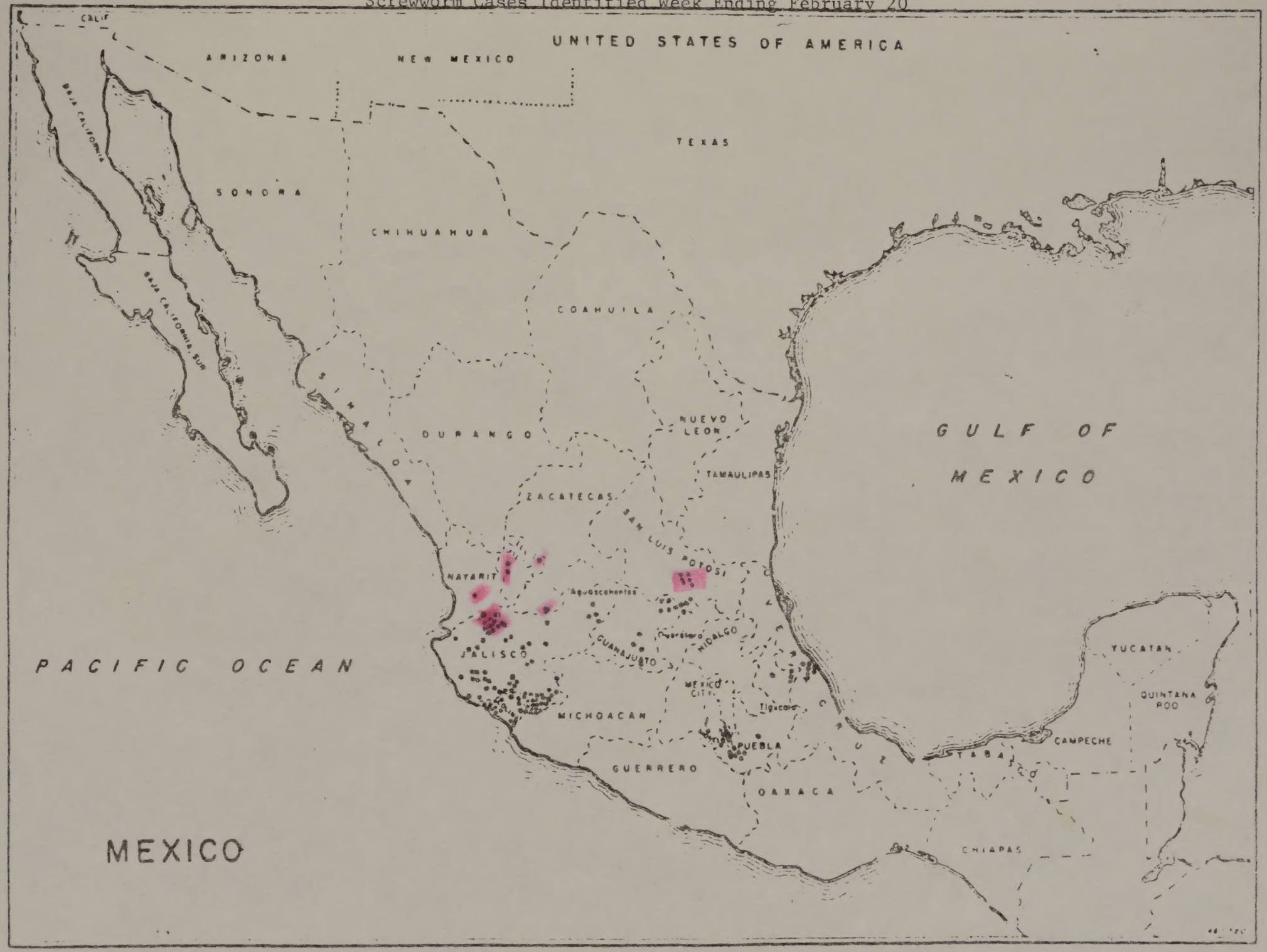
SWASS Releases - Tampico

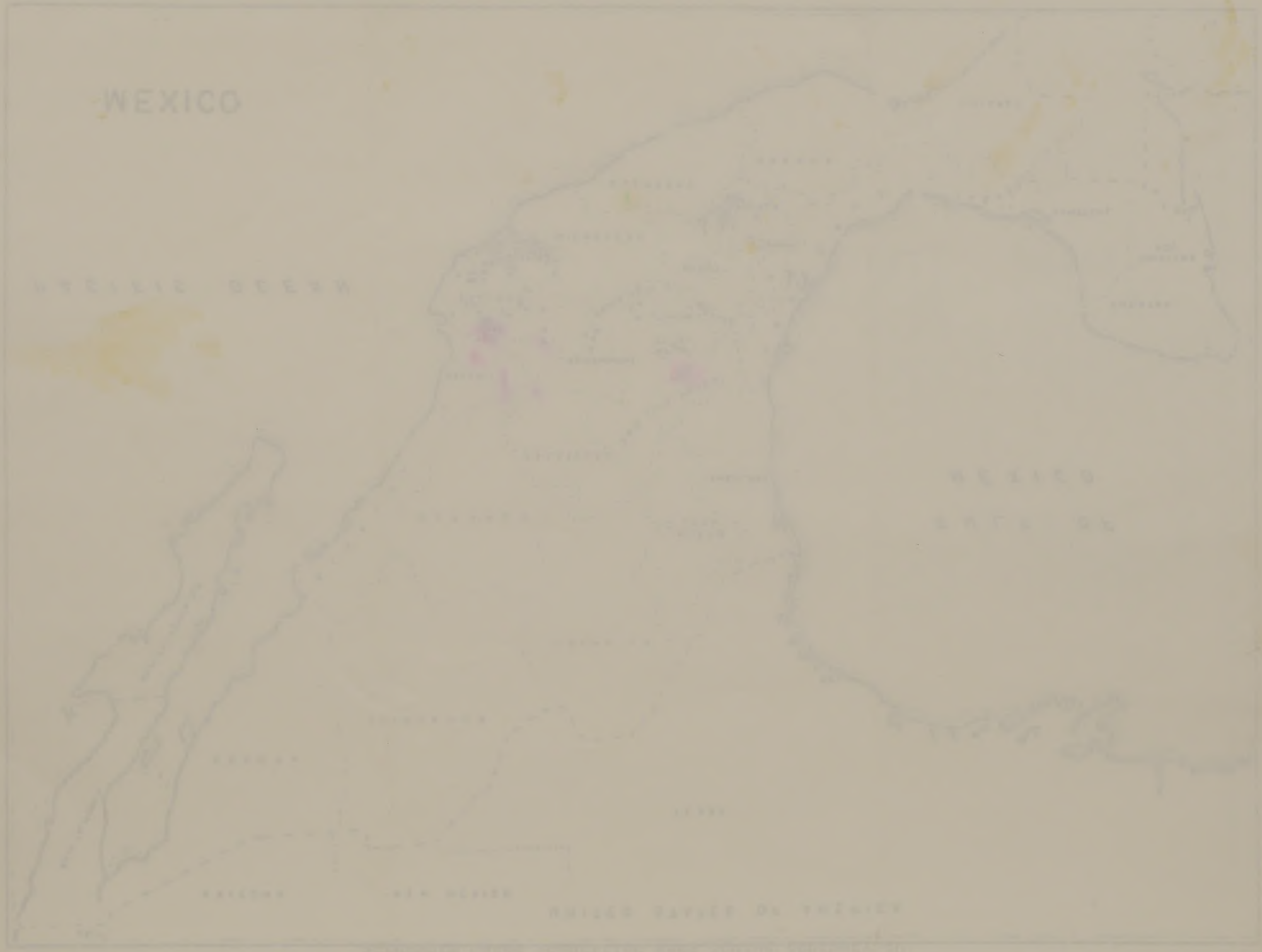
Guanajuato	1,472 kilograms
Hidalgo	998 kilograms
Queretaro	399 kilograms
San Luis Potosi	2,071 kilograms
Tamaulipas	667 kilograms
Veracruz	45 kilograms

SWASS Releases - Tepic

Durango	358 kilograms
Jalisco	4,668 kilograms
Nayarit	4,409 kilograms
Zacatecas	798 kilograms

Screwworm Cases Identified Week Ending February 20




WEXICO
MEXICO
SANTA FE
RIVER RAVIER DA TRINITY

RECEIVED MAR 1 0 1982

United States Department of Agriculture
Science and Education Administration
Agricultural Research
North Central Region
Metabolism and Radiation Research Laboratory
P.O. Box 5674
State University Station
Fargo, North Dakota
58105

March 8, 1982

Dr. Philip H. Abelson
Editor of Science
American Association for the
Advancement of Science
1515 Massachusetts Avenue, NW
Washington, DC 20005

Dear Dr. Abelson:

After receiving Ms. Gilbert's letter of March 3, 1982, I called Science and discussed this matter with Diane Robinson in Ms. Gilbert's absence. Her advice was to resubmit the enclosed material and request that it be published as a Technical Comment. She indicated it might be edited to reduce the length. We recognize that our comments are lengthy, but there are a number of points in the article by Richardson et al. that are inaccurate. In addition, we ask you to consider the great importance of the screwworm eradication program and the vast amount of public interest in this program. If an insect species of no economic importance were the subject of the studies, then the level of interest would be much lower. However, as Richardson et al. point out, the screwworm program represents a significant expenditure of funds and over the past two decades has brought tremendous agricultural benefits. Reinvasion of the U.S. by screwworms would have a catastrophic impact on the ranching industry in the entire Southwest. Therefore, scientific data or lack of it relating to screwworm speciation is of vast interest to the scientific community.

Our comments represent a consolidated view of the geneticists and entomologists working on screwworms in the Agricultural Research Service (ARS). This unit is responsible for conducting research in support of the eradication program run by the Animal and Plant Health Inspection Service (APHIS) and the Mexican government. These comments were reviewed and approved by Dr. T. B. Kinney, Administrator of ARS.

We request that you reconsider publishing all of these comments in the Technical Comments Section of Science. We feel that interested scientists should be able to consider all of the arguments against the hypothesis

proposed by Richardson et al. If you feel that the article must be shortened, then we would reluctantly agree to omitting the following parts:

Page 2:	Lines 4-6 (Point #3)
Pages 4-5:	All of Point #7
Page 7:	All of Point #10
Page 10:	Lines 1-6 and 16-18
Page 9:	All of Point #12 (really an important point) Prefer to omit only lines 13-22 on page 9.

Our main interest is to present as many of the differing points of view to the scientific community as possible. We hope that you will decide that the circumstances warrant an exception to your policy.

Yours sincerely,

Leo E. LaChance

LEO E. LaCHANCE
National Technical Advisor
for Insect Genetics

cc: Ralph Bram

bc: A. C. Bartlett (w/encl. letter from Ms. Gilbert)
R. J. Gagne " " " "
O. H. Graham " " " "
D. O. McInnis " " " "
C. J. Whitten " " " "
J. A. Seawright " " " "

SCIENCE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
1515 MASSACHUSETTS AVENUE, NW, WASHINGTON, D.C. 20005 • 202—467-4350

3 March 1982

Dr. Leo LaChance
Agricultural Research Service
North Central Region
United States Department of
Agriculture
Metabolism and Radiation
Research Laboratory
P.O. Box 5674
State University Station
Fargo, North Dakota 58105

Dear Dr. LaChance:

We have received your comment on Richardson's article. I regret that it is much too technical to be a letter and much too long to be considered as a technical comment. We suggest that you shorten it considerably (please see the enclosed Instructions for Contributors) or prepare the material in the form of a report for our consideration.

I am returning the manuscript to Dr. Bram.

Sincerely,

Christine

Christine Gilbert
Letters Editor

CG/mw
Enclosure

cc: Dr. R.A. Bram

RECEIVED MAR 1 2 1982

March 10, 1982

Dr. Bruce Wallace
Biology Department
Virginia Polytechnic Institute
and State University
Blacksburg, Virginia 24061

Dear Dr. Wallace:

We are in the process of finalizing plans for the technical panel meeting in McAllen, Texas. Reservations have been made at the La Quinta Motel, 1100 South 10th Street, McAllen, Texas (Telephone No. 512-687-1101) for arrival the evening of April 4th and leaving the morning of April 10th.

The travel plans to visit scientists at the University of Texas have been altered slightly. Because of the rather tight time schedule, we will be flying from McAllen to Austin and returning on April 7th. You need not worry about these reservations since the tickets have been purchased by Dr. Graham at the Mission Laboratory.

I hope that you have received all of the reading material. If there are any questions, please do not hesitate to call me collect. I look forward to seeing you on the evening of April 4th in McAllen.

Again, I want to express my thanks for your willingness to serve on this panel.

Yours sincerely,

Leo E. LaChance

LEO E. LaCHANCE
National Technical Advisor
for Insect Genetics

cc: Dr. O. H. Graham

same letter went to Kitzmiller + Marlsow

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 12, 1982

SUBJECT: Division of Administrative Duties between Mission and Tuxtla

TO: R. A. Hoffman, AAD
USDA, ARS, SR
Oklahoma-Texas Area
P. O. Box EC
College Station, TX 77841

On the day that I received your memo of March 3 on routing of mail and submission of reports, Mr. Bob Guzman told me that he has accepted a position with the Border Patrol in McAllen and will be leaving in about 2 weeks. Obviously we will need to fill this vacancy quickly and with an experienced bilingual person as the administrative aide will be a key person in the relocation of our laboratory into Mexico.

The list of duties which I am enclosing is somewhat tentative as Oralia Garcia has not seen it. If I go to Tuxtla during the week of the 22nd as I am planning, Oralia and I will revise the list and I will send you an updated list. We do, I think, appreciate our obligations to the organization, but I also think that the organization needs to understand that it will not be possible for the unit in Tuxtla to comply with the reporting schedule that other units in the Oklahoma-Texas Area are using.

O H Graham

O. H. GRAHAM
Location/Project Leader

Enclosures

cc: Bob Guzman, Adm. Tech., Mission
Oralia Garcia, Adm. Tech., Tuxtla Gutierrez
H. E. Brown, RL, Weslaco

Administrative Duties: Mission-Tuxtla

Task	Responsible Person
1. T&A's	LHM
2. Personnel actions	
a. PEC reviews	LHM, OHG
b. Passports & visas	LHM
c. Collaborators' appts.	LHM
d. AD 434's	LHM
AD 658's	LHM
Performance Standards	LHM
IDP's	LHM
Merit pay actions	LHM
e. Processing Federal appointees for foreign assignments	LHM
f. Special actions for personnel stationed in Tuxtla: rental allowance, medical, schooling, home leave, etc.	Vacancy, ORG
g. Others as requested; AD-332, etc.	LHM, OHG
3. Budget & Fiscal reports	
a. ARS-560	Vacancy
b. Funds for Coop. agreement	Vacancy
c. Transfers of funds, ARS to APHIS, to Joint Commission, etc.	Vacancy
4. T&A's, salary accounts, other benefits for Mexican nationals paid by the Commission	ORG
5. Imprest fund management at Mission	LHM
6. Imprest fund at Tuxtla	ORG
7. Field party expense accounts and vouchers	Vacancy
8. Travel arrangements	LHM
9. Travel vouchers	Vacancy
10. Procurement at Mission	Vacancy
11. Shipment of supplies & equipment to Mexico; export-import documents	Vacancy
12. Procurement in Mexico	ORG
13. Motor vehicle repairs at Mission	Vacancy
14. Motor vehicle repairs at Tuxtla	ORG
15. Mexico insurance for Govt. Vehicles	ORG
16. Scientific manuscripts	PC
17. All administrative and travel matters for all Coop. Agreement employees including transfer of scientists to Tuxtla	PC
18. Property accountability (inventory)	
a. at Mission	Vacancy
b. at Tuxtla	ORG
19. Vehicle monthly operation record	
a. at Mission	Vacancy
b. at Tuxtla	ORG
20. Govt. Bill of Lading (SF-1103)	Vacancy
21. Travel report to area office	Vacancy

Administrative Section: Migration-Tuscia

Task	Responsible Person
1. VIA's	IOM
2. Personnel actions	
a. PSC reviews	IOM, UNC
b. Passports & visas	IOM
c. Obligations' signs.	IOM
d. AD 634's	IOM
AD 639's	IOM
Performance Standards	IOM
IOM's	IOM
Merit pay actions	IOM
e. Processing Federal appointees for foreign assignments	IOM
f. Special actions for personnel attached to Tuscia Postal allowance, medical, education, home leave, etc.	Vacancy, OMB
g. Others as requested: AD-312, etc.	IOM, OMB
3. Budget & Fiscal Affairs	
a. AD-540	Vacancy
b. Funds for Coop. agreements	Vacancy
c. Transfers of funds, OCD to AMCIS, to Joint Commission, etc.	Vacancy
4. IOM's, salary accounts, other benefits for Mexican nationals paid by the Commission	OMB
5. Imprest fund management at Hermosillo	IOM
6. Imprest fund at Tuscia	OMB
7. Field party expense accounts and vouchers	Vacancy
8. Travel arrangements	IOM
9. Travel vouchers	Vacancy
10. Procurement at Hermosillo	Vacancy
11. Shipment of supplies & equipment to Mexico, export-import documents	Vacancy
12. Procurement in Tuscia	OMB
13. Motor vehicle repairs at Hermosillo	Vacancy
14. Motor vehicle repairs at Tuscia	OMC
15. Marine insurance for Coop. vehicles	OMC
16. Commodity management	PC
17. All obligations and travel orders for all Coop. Agreement activities including transfer of estimates to Tuscia	PC
18. Property accountability (inventory)	
a. At Hermosillo	Vacancy
b. At Tuscia	OMC
19. Vehicle monthly operation record	
a. At Hermosillo	Vacancy
b. At Tuscia	OMC
20. Cover, bill of lading (BL-1203)	Vacancy
21. Travel report to area office	Vacancy

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 15, 1982

Dr. J. P. Spradbery
Officer-in-Charge
Screwworm Fly Unit
CSIRO-Division of Entomology
P. O. Box 6712
Boroko, Papua New Guinea

Dear Dr. Spradbery:

We are very pleased to learn that we may expect visits by you and Mr. Peter Cassells later this year. Although we anticipate that our laboratory at Mission will be fully closed by July 1 it is possible that a few of us will be here in May and Mr. Cassells would be most welcome should he care to include Mission in his itinerary. Also, if we can help him with his travel arrangements for Tuxtla, please let us know.

Mr. Cassells' time in Tuxtla will I presume be divided between the production plant and the research laboratory. Our ARS scientists will be happy to exchange ideas with him and learn about your research. The details can be worked out just before his arrival in Tuxtla.

We will also look forward to renewing our acquaintance with you and will await more information about your travel. Dr. C. J. Whitten, who is now stationed in Fargo, North Dakota, plans to attend the parasitology congress and present a review of our screwworm program. With best personal regards, I am

Sincerely,

Hugh

O. H. GRAHAM
Location/Project Leader

cc: J. P. Spencer, Res. Ent., Tuxtla
R. A. Hoffman, AAD, College Station
F. E. Smith, CSV, Hyattsville
C. J. Whitten, Res. Ent., Fargo

RECEIVED MAR 1 1982

CSIRO

DIVISION OF ENTOMOLOGY — SCREW-WORM FLY UNIT

P.O. BOX 6712, BOROKO, PAPUA NEW GUINEA. TELEPHONE PORT MORESBY 25 7596

Ref: FC 4/5/1 19th February, 1982.

Dr. Hugh Graham,
U.S.D.A.
Agricultural Research Service,
P.O. Box 969,
Mission, Texas, USA 78572.

Dear Dr. Graham,

A colleague of mine from our Papua New Guinea screw-worm fly laboratory, Mr. Peter Cassells, will be visiting the U.S.A. and Mexico later this year. He intends to visit the screw-worm fly facility at Yuxtla Gutierrex between 20-25th May. Peter Cassells is responsible for larval production in our new mass rearing factory which was commissioned late last year.

I know he will derive great benefit from a visit to Tuxtla and I would be grateful if you would help in the arrangements for his visit.

I will also be visiting North America later this year, firstly to attend the International Congress of Parasitoloty in Toronto and later to visit research establishments in the U.S.A. and finally the screw-worm facility at Tuxtla. As soon as my itinerary is finalised, I will write and once more call on you for help with the Mexico visit.

With kind regards,

Yours sincerely,

Dr. J. P. Spradbery
Officer-in-Charge

Copies to: Dr. Floyd Smith
Dr. N. Pineda, Director, Tuxtla
Dr. P. Reichard, Acting Co-Director, Tuxtla.

CSIRO

DIVISION OF ENTOMOLOGY — SCREW-WORM FLY UNIT

P.O. BOX 6712, BOROKO, PAPUA NEW GUINEA. TELEPHONE PORT MORESBY 25 7596

RECEIVED APR 1 4 1982

Dr. D.H. Grahm,
U.S.D.A. Screw-worm Research,
P.O. Box 986,
MISSION, TEXAS
U.S.A. 78572

5th, April, 1982

Dear Hugh,

Many thanks for your letter of 15, March welcoming Peter Cassells to Mission and Tuxtla.

Unfortunately, Peter's itinerary will prevent him from visition Mission on this occasion.

Peter Cassells arrives in Mexico City on flight MX145 at 08.00 on 20, April and catches the MX 213 to Tuxtla, departing 10.55 on the same day. No doubt if this flight is changed, people at Tuxtla will know and be able to meet him at the airport at the appropriate time. Peter leaves Tuxtla on 25, April on flight MX210.

I know both Peter and I will derive much from our respective visits and I look forward to meeting Dr. Whitten in Canberra at the Conference.

With Best Wishes,
Sincerly,

J.P. Spradbery

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 15, 1982

SUBJECT: Security Check of the ARS Screwworm Facility Prior to Opening

TO: O. H. Graham
Location/Project Leader
USDA, ARS, SR
Mission, TX 78572

An inspection of the ARS Screwworm facility at Mission was made on Monday, March 15. Two electrocutor grid traps and 44 fly ribbons were checked for flies after all these had been cleared of flies four days previously. No flies were found in any trap on March 15. In addition, no live insects of any kind have been seen alive inside security for approximately two weeks. All security procedures have been, and will be, adhered to until final approval comes to open up the facility.

D. O. McInnis

D. O. MCINNIS
Research Geneticist

cc: H. E. Brown, RL, Weslaco
L. E. Wendel, Ent., Mission
B. Sudlow, Lab. Dir., Mission

IICA

INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE

ANTILLES ZONE
IICA Office
in Guyana
Box 10-1089
Georgetwon, Guyana, S.A.
Cable: IICA
Tel.: 68347

Dr Graham
Helena

RECEIVED MAR 2 5 1982

ZL/G-141
1982-03-16

Dr. Sam Rawlins
Department of Microbiology
University of the West Indies
Kingston 7
JAMAICA, W.I.

Dear Sam:

Many thanks for your letter which I received at the end of last month. I have been discussing procedures with Dr. Acha, Animal Health Advisor and certain matters should be set into place re Pilot Studies for Screwworm Control or Eradication.

1. An IICA agreement with each country should be drawn up with an appropriate budget and signed. This agreement would have the Governments' inputs clearly defined - e.g. personnel, facilities, transport, and IICA's contributions, e.g. Consultancy, training, materials and supplies. An IICA format which is appropriate is available.

2. This agreement will be our task at IICA, but you could prepare a clear outline of the objectives, strategy, activities, time frame and costs for Jamaica as discussed, for incorporation and final agreement.

3. I would be grateful if you would submit your Curriculum Vitae to Dr. Percy Aitken-Soux, IICA Director, Kingston, if you have not already done so. This is for IICA's requirements.

4. Drs. Acha and Mulhern have advised that Dr. Hugh Graham is willing to assist us at any time with establishing these pilot projects in the Zone. The possibility exists for you to consult together and share visits to Trinidad, Guyana and Suriname, the other three countries which have indicated strong interest in developing these projects. Please let me know when you will be free to travel. As soon as I get the green light I hope to contact Dr. Graham concerning his participation. Terms of reference will be drawn up appropriately.

/...

5. I have given out questionnaires and am awaiting feedback as to whether they were used - and the results.

6. The wind-oriented trap can be assembled in Guyana if we obtain supplies of the fine mesh which is not available. Your suggestion that they may not be necessary has to be considered. I envisage little problem getting them assembled in Trinidad.

7. Training arrangements would certainly have to be made for selected personnel ahead of time. Each country's counterpart should be able to decide at this stage on those personnel who would be involved in these projects. Personnel would be required for use of traps and swormlure and methods of differentiating between primary and secondary screwworm and other blow flies. The counterparts should also be thinking of the appropriate strategy for their countries.

8. Please keep me informed of any progress on the loss assessment study with the Ministry's survey team.

Yours sincerely,

Franz C. Alexander
Animal Health Specialist
IICA Office in Guyana.

cc: REPierre/FMulhern/PAcha/PAitken-Soux/WForsythe/GVillanueva
Dr. O.H. Graham
Dr. V. Moe/Dr. E. Caesar (Trinidad & Tobago)
Dr. K. Wellington/Dr. C.L. Grey (Jamaica)
Dr. P. McKenzie/Dr. R.N.D. Raja (Guyana)
Dr. R. Lieuw-a-Joe (Suriname)

FCA/ai

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 16, 1982

SUBJECT: Opening of the ARS Security Laboratory

TO: H. E. Brown, RL
Subtropical Products
Chemistry Research
USDA, ARS, SR
P. O. Box 388
Weslaco, Texas 78596

A final spray treatment of the ARS security laboratory was applied on March 13, additional checks for any evidence of living screwworms was made on March 15 (see enclosed copy of a memo from D. O. McInnis) and our security laboratory was opened on March 16.

We are very grateful to Dr. L. E. Wendel, Mr. Paul Nichols, and to you for your help with fly security, and especially for the very thorough insecticidal treatment of our facility. During the time we operated a security laboratory Dr. McInnis was responsible for enforcing security measures and I feel that he was very conscientious, thorough and successful in his efforts.

O H Graham

O. H. GRAHAM
Location/Project Leader

Enclosure

cc: R. A. Hoffman, AAD, College Station
R. A. Bram, SS, Beltsville
L. E. Wendel, Ent., Mission
P. Nichols, Ent., Mission
B. Sudlow, Lab. Dir., Mission
D. O. McInnis, Res. Genet., Mission
F. E. Smith, CSV, Hyattsville
N. E. Meyer, ADA, Washington, D. C.

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 18, 1982

Dr. Randy Gaugler
R. D. 1
Ash Grove Road
Cambridge, New York 12816

Dear Dr. Gaugler:

Dr. Ralph Bram of our National Program Staff forwarded a copy of your curriculum vitae to me in February and I reviewed it with considerable interest. We would like to add 1 or 2 scientists to the staff of our ARS laboratory in Tuxtla Gutierrez, Chiapas, but I was uncertain about the status of our funds and therefore delayed writing to you. It now appears that we will not be able to hire additional persons this fiscal year, but it is much more likely that we will fill one or more vacancies early next fiscal year.

We hope at the first opportunity to hire someone to study the changes which occur in strains of screwworms after several generations of being reared in the mass production facility in Tuxtla Gutierrez and to devise improved quality control procedures for sterile screwworm flies. The latter would include behavior studies in comparision with wild flies in nature and screwworm reproductive potential in the humid tropics. The influence of natural enemies is one of the aspects of interest.

If you would like to be considered for employment as a research entomologist in our group at Tuxtla Gutierrez, please send me an updated SF-171, application for Federal employment. If you have other questions about the research group and its objectives or the conditions of employment, please write me.

Sincerely,

O H Graham

O. H. GRAHAM
Location/Project Leader

cc: R. A. Bram, SS, Beltsville
J. R. Johnston, AD, College Station

Dr. Graham - for your info.

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 18, 1982

SUBJECT: Reassignment in the U. S. of ARS Personnel Presently Stationed in Tuxtla

TO: E. L. Kendrick, Regional Administrator
USDA, ARS, SR
701 Loyola Ave.
P. O. Box 53326
New Orleans, LA 70153

THROUGH: J. R. Johnston, Area Director
USDA, ARS, SR
Oklahoma-Texas Area
P. O. Box EC
College Station, TX 77841

At the time we last discussed this subject you asked that I keep you informed about the status of our people in Tuxtla Gutierrez and their tours of duty. Since then all three of the research entomologists have expressed a strong desire to return to the continental U.S. when their present tours have been completed and to be assigned to research positions in the field of medical and veterinary entomology.

Dr. John P. Spencer began an assignment in Tuxtla in July 1978 and returned to Tuxtla from home leave in January 1981 to begin a second tour. He does not plan to volunteer for a third foreign assignment and I feel that in his best interests and the organizations' his next assignment should be in the U.S. Dr. Spencer has indicated a specific interest in the biological control of livestock insects and an assignment in College Station. Looking beyond that, there is a possibility that he would want to be included in future screwworm research projects if the program moves on from Mexico into Central America and the Caribbean.

Dr. J. W. Mackley went to Tuxtla in June 1979 and wanted to take his home leave as soon as he was eligible in June 1981. However, the group in Tuxtla was so heavily involved with the Arriaga field test last summer, and the ARS, APHIS and UT commitments to the test were so extensive and all-important, that Dr. Mackley agreed to delay his home leave until December. As a result, he is now legally obligated to continue in Tuxtla until January 1984, but I strongly feel that ARS is morally obligated to return him to the U.S. in June 1983. It is my understanding that this action would be entirely proper and legal if you approve; I earnestly recommend approval.

Dr. Mackley is well qualified for several projects within the livestock insects field and would be happy to be considered by any of several different laboratories. I feel he would be a valuable addition to the staff at Lincoln, Kerrville, College Station, Gainesville, Beltsville or any other laboratory with a dynamic program which includes medical and veterinary entomology.

Dr. R. D. Peterson, II has been in Tuxtla one year and, at least at the present, feels he would not want more than one two-year tour. For school reasons he would prefer to transfer during the summer of 1983. Like the other two, he is happy in livestock insects and is well qualified to work on any of several pest species. He would also seriously consider any location in the 48 states.

Mrs. Oralia Garcia recently transferred to Tuxtla and is a very important member of the ARS team. We all hope that Oralia will be willing to stay in Tuxtla as long as we have a laboratory there, but it is much too early for her to know.

We all realize that there are many constraints which will influence these reassignments, but to accomplish our mission at Tuxtla we must maintain an orderly turnover of well qualified researchers. Our responsibilities are greater than they should be because of APHIS inability to recruit qualified entomologists for their Methods Development group; our recruitment efforts have been more successful largely because we can offer more desireable career opportunities.

The eradication program appears to be momentarily stalemated and unable to regain its momentum until some administrative and technical problems are solved. Our support is essential to solution of the technical problems; all of the items in our WRU plan for 1982 are closely tied to APHIS needs. To make substantial progress on our WRU plan we must have 12 scientists in Tuxtla - 8 U.S. and 4 Mexican nationals. This of course means that we will need replacements for the three entomologists who will be leaving and it would be very desireable for the replacements to be in Tuxtla before their predecessors depart. Well qualified ARS entomologists already in the organization would be as welcome as new hires.

We are well aware of your interest in our program and the sustained support you have given it. This problem is a complex one, but I am confident that we can solve it.

O H Graham

O. H. GRAHAM
Location/Project Leader

cc: R. A. Bram, SS, Beltsville
C. J. Whitten, Res. Ent., Fargo
J. P. Spencer, Res. Ent., Tuxtla Gutierrez
J. W. Mackley, Res. Ent., Tuxtla Gutierrez
R. D. Peterson, II, Res. Ent., Tuxtla Gutierrez
D. O. McInnis, Genet., Mission
H. E. Brown, RL, Weslaco

1267148

RECEIVED MAR 2 2 1982

U.S. DEPARTMENT OF AGRICULTURE

SPEED MEMO

PART NUMBER	DATE
1	3/18/82

TO

Dr. T. B. Kinney, Jr.

FROM

Dr. R. A. Bram

SUBJECT

Wall Street Journal Interest in the Richardson Screwworm Article

MESSAGE *(WRITE CONCISE MESSAGE. SIGN AND FORWARD PARTS 1 AND 3 TO ADDRESSEE. RETAIN PART 2.)*

Jeff Burnbaum, a reporter for the Wall Street Journal, called late yesterday afternoon and asked a number of questions about ARS response to the Richardson screwworm article which appeared in Science this past January. After talking to him for over a 1/2 hour, he said that he would check with his editor to determine if they will prepare a story; if so, he would work with us on the accuracy of technical details. I understand he has also talked with Dr. Norvan Meyer, APHIS-VS.

I will keep you advised.

cc:
T. J. Army
R. J. Gerrits
L. E. LaChance
O. H. Graham

SIGNATURE Ralph A. Bram

REPLY *(USE THIS SPACE FOR REPLY. SIGN AND DATE. RETURN PART 3 TO SENDER. RETAIN PART 1)*

SIGNATURE

DATE

FORM AD-311 (REV. 11/79)

RECEIVED APR 1 1982

United States
Department of
Agriculture

Animal and
Plant Health
Inspection Service

Washington, DC 20250

Subject: Appreciation for Assistance

Date: MAR 22 1982

To: Harold E. Brown
Agricultural Research Service
Weslaco, Texas

We greatly appreciated your taking time from your busy schedule to help us in our recent emergency opening of the Mission facility. Your expert handling of security measures allowed us to take the necessary actions with minimum concern that fertile flies might escape. As you are well aware, fertile flies escaping into the countryside could seriously threaten the livestock industry and the progress of the eradication effort.

We feel confident that the security methods you instituted provided the protection needed, and program officials have assured me that your assistance was invaluable. Thank you very much.

Norvan

Norvan L. Meyer
Assistant Deputy Administrator
International Programs
Veterinary Services

Spencer

United States Department of Agriculture
Agricultural Research Service
Southern Region
Oklahoma-Texas Area
Screwworm Research
P. O. Box 986
Mission, TX 78572

March 26, 1982

FOREIGN TRAVEL REPORT

1. Traveler. R. J. Brenner, Research Entomologist, Screwworm Research (TAMU), Mission, Texas.

2. Countries Visited. Mexico, March 8-20, 1982.

3. Purpose of Trip. To tour ARS and APHIS facilities at Tuxtla Gutierrez, Chiapas and to determine our needs for equipment and supplies; to meet ARS scientists and APHIS personnel and discuss past, current and future research projects; to visit other laboratories and resource centers in order to establish ties with extramural sources of ecological information; to visit areas representing the ecological diversity of Chiapas; and to plan specific research with Mr. Don Hopkins (APHIS).

4. Summary. The first 2 days in Tuxtla Gutierrez were spent at the APHIS plant and at the ARS research facilities. Following a cursory tour of the research trailers, I talked with Drs. Spencer, Mackley, and Peterson about their current research and obtained their thoughts on which directions research should take in the future. Don Hopkins accompanied us on a tour through the APHIS plant, followed by an informal meeting with Drs. Spencer and Mangan, during which we discussed a proposal of Mr. Hopkins' to examine a technique for replacing expensive large scale strain evaluations with small scale field tests. In addition, we discussed how such a technique could be useful in studying the ecology and behavior of native screwworms.

At that point we established a firm itinerary to travel to specific regions of Chiapas to gain some familiarity with the ecological diversity. In addition, we felt it advisable to establish contact with other regional laboratories and with local resource centers. Thus, we visited the zoological and botanical parks in Tuxtla-areas where we can verify identification of native animals and plants. We traveled to San Cristobal las Casas and toured the CIES (Centro de Investigaciones Ecologicas del Sureste) laboratory where we obtained permission to use their library and received a complete listing of their periodicals. Mr. Hopkins, Dr. Spencer, Dr. Mangan, and I traveled to the Pacific coast to the site of last year's Arriaga test. This area presently exemplifies the ecology of a screwworm habitat during the dry season.

Between field trips, Dr. Mangan and I spent much of Saturday taking inventory of equipment and supplies while compiling a list of necessary materials. During the evening, we were introduced to additional APHIS personnel, their spouses, and teachers from the American School at a social gathering hosted by Dr. Peterson and his wife. This enabled us to gain some insight into life in Tuxtla Gutierrez.

We next traveled to Villahermosa on the Gulf coast to see a region which is lush year round which represents an ecologically "stable" habitat for screwworms. Talking with officials from SARH, we learned of a screwworm

infestation near the remote village of Ostuacón. We were not able to visit the region due to time constraints.

Upon our return to Tuxtla Gutierrez we discussed specific plans to conduct a small scale test on the Pacific coastal plain. We agreed that a preliminary survey for screwworms should begin at once near Pijijiapan.

R J Brenner

R. J. BRENNER by OHP
Research Entomologist

United States
Department of
Agriculture

Animal and
Plant Health
Inspection Service

Washington, DC 20250

RECEIVED APR 1 1982

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Norvan

Norvan L. Meyer
Assistant Deputy Administrator
International Programs
Veterinary Services

United States Department of Agriculture

Animal and Plant Health Inspection Service

RECEIVED MAR 31 1982

Subject: Cooperation During Recent Fly Production Emergency

Date: MAR 29 1982

To: O. H. Graham
Location/Project Leader
Agricultural Research Service
Mission, Texas

APHIS/VS is deeply grateful for the assistance and cooperation you and your associates extended to us during the labor problems at Tuxtla Gutierrez, Mexico, and the opening of the Mission screwworm plant. We believe the relationship that exists between APHIS/VS and ARS in the screwworm program is a model association, and you and your associates exhibited the truth of this belief.

Your response to our needs was greatly appreciated, such as hand-carrying materials, protecting new strain development, tight security measures, etc. Thank you for helping the exercise to succeed.

Norvan L. Meyer
Assistant Deputy Administrator
International Programs
Veterinary Services